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7/5/1 (Item 1 from file: 351)  
007543877 WPI Acc No: 88-177809/26  
XRAM Acc No: C88-079294  
XRPX Acc No: N88-135654

Standard marker for electrophoretic determination of mol.wt. of DNA -  
comprises mixt. of DNA fragments; DEOXYRIBONUCLEIC ACID

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Number of Patents: 001

Patent Family:

CC Number	Kind	Date	Week
JP 63113359	A	880518	2826 (Basic)

Priority Data (CC No Date): JP 86148891 (860625)

Abstract (Basic): JP 63113359

Standard marker consists of a mixt. of DNA fragment of 4,870 bp  
obtd. by cleaving plasmid PHY300PLK by a restriction enzyme having sole  
restriction enzyme cleaving part of plasmid PHY300PLK; six kinds of DNA  
fragments of 2,016bp, 1,360bp, 658bp, 489bp, 267bp and 80bp obtd. by  
cleaving plasmid PHY300PLK by restriction enzyme Hae III; and seven  
kinds of DNA fragments of 1,360, 1,107, 926, 658, 489, 267 and 80 bp  
obtd. by cleaving plasmid PHY300.2PLK arising from the PHY300PLK by  
restriction enzyme Hae III.

USE/ADVANTAGE - The standard marker is useful for determining  
molecular weight of DNA by electrophoresis using agarose gel,  
polyacrylamide gel, etc. Electrophoretic bands dispersed and  
distributed suitably over a wide molecular wt. region of high molecular  
wt. to low molecular wt. can be distinctly formed on a gel by using the  
standard marker. @ (8pp Dwg.No.0/0)@

File Segment: CPI; EPI

Derwent Class: B04; D16; S03; R16;

Int Pat Class: C12N-015/00; G01N-033/53

Manual Codes (CPI/A-N): B04-B04A1; B11-C08D1; B12-K04; D05-H03B; D05-H09;  
D05-H12

Manual Codes (EPI/S-X): S03-E14H4

Chemical Fragment Codes (M1):

\*01\* M423 M750 M903 N102 N120 Q233 V753

\*03\* H714 H721 J0 J011 J221 J371 J581 K421 L560 M210 M211 M212 M262

M280 M281 M320 M423 M781 M903 N102 P831 Q233 R022 V734 V743

Chemical Fragment Codes (M6):

\*02\* M903 Q233 R515 R528 R532 R535 R639

?t s10/5/1-42